

## BD Sorters– Cleaning after Yeast Sort

### Quick Reference Guide

*At the end of a yeast sort experiment, the FCCF recommends that an extensive cleaning is done to prevent contamination of the instrument. To do so, follow this reference guide.*

- ✚ After the yeast sort is complete, a longer sample line cleaning is required:  
Run **BD FACSClean** for 5 minutes at Flow Rate 11.  
Repeat with **BD FACSRinse** and **Water** (total of 15 min cleaning).
- ✚ Once the sample line cleaning is done, proceed with a **Fluidics Shutdown** with 70% Ethanol followed by a **Fluidics Startup** with Sheath Fluid (see **FACSria™ Startup, QC & Shutdown Procedure**).
- ✚ After the **Fluidics Startup** is complete, to ensure the instrument is sufficiently clean, turn the stream on and collect sheath fluid from the center stream into LB and YPD media (see **Sterility Check SOP**) and incubate at 37°C for 48 h.
- ✚ After the incubation period, check all tubes for results (positive or negative) and document it on the server (FCCF Server → Sterility Checks → Sterility Results (Bacteria-Yeast Sort)).

*Note: If sterility samples come back positive, repeat the sterility check with fresh YPD and LB media.*

